INTERNATIONAL SEARCH REPORT

PCT/US2004/022780

A. CLASS IPC 7	HO4L27/34			
According t	to International Patent Classification (IPC) or to both national classif	ication and IPC .		
	SEARCHED	iodion and ii O		
Minimum de IPC 7	ocumentation searched (classification system followed by classification has H04L	ation symbols)		
Documenta	tlion searched other than minimum documentation to the extent that	such documents are included in the fields se	earched	
	tata base consulted during the International search (name of data betternal, WPI Data, PAJ, INSPEC	pase and, where practical, search terms used		
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C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to daim No.	
X	LIM J-H ET AL: "Labeling and decoding schemes for backward-compatible hierarchical coded modulation" IEEE,		1-3,5, 8-12,14, 17,19-23	
Y	vol. 1, 23 September 2000 (2000- pages 123-128, XP010532479 page 123, left-hand column, para	7,16,18,		
	figure 6a		24	
Y	EP 1 065 854 A (TANDBERG TELEVIS 3 January 2001 (2001-01-03) paragraph '0001! paragraph '0012!	ION ASA)	7,16,18, 24	
			,	
Furth	her documents are listed in the continuation of box C.	Patent family members are listed in	n annex.	
 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed 		 To later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
Date of the actual completion of the international search 19 November 2004		Date of mailing of the international search report 06/12/2004		
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Litton, R		

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Intermation on patent family members

Internation Application No
PCT/US2004/022780

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 1065854	A	03-01-2001	EP	1065854 A2	03-01-2001
					; *******
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